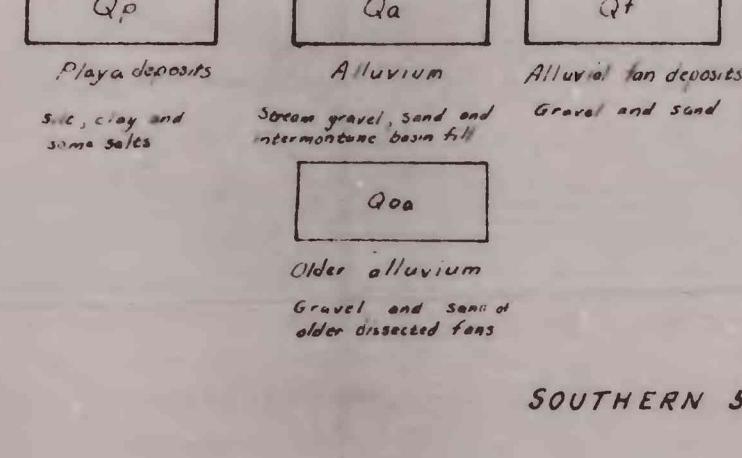


# SOUTHWESTERN LANDER COUNTY, OPEN FILE

## EXPLANATION



### DESATOYA RANGE

**Q Tb**  
Basalt and olivine basalt flows

**Q Ts**  
Tuffaceous sedimentary rocks  
and local rhyolite tuff rocks

**Td**  
Oscate lava flows  
Light to dark biotite bearing rocks.  
May include some shallow intrusive rocks.

**Tdh**  
Unit h  
Nonwelded tufts and fall tufts  
and tuffaceous sedimentary rocks

**Tdg**  
Unit g  
Moderately crystal rich, sandine, quartz  
and plagioclase bearing welded tuff

**Tde**  
Toiyabe Quartz Latite  
Crystal rich, smoky quartz, sandine  
and plagioclase bearing welded tuff  
K-Age 21.8 my \*

**Tdf**

Unit f  
Crystal rich, sandine, quartz, biotite  
and plagioclase bearing welded tuff

**Tde**

Unit e  
Crystal and biotite rich, quartz, sandine and  
biotite bearing welded tuff K-Age 24.1 my \*

**Tde**

Unit d  
Welded tuff units Both  
crystal poor, sandine, quartz  
and biotite bearing

**Tdc**

Unit c  
Moderately crystal rich, sandine, quartz,  
light biotite and biotite bearing welded tuff  
K-Age over 24.9 my (sandine) and  
22.5 my. (biotite) \*

**Tdc**

**Tdb**

Unit a  
Crystal poor, sandine and  
biotite bearing welded tuff  
Biotite vitrophytic zone  
K-Age 25.5 my \*

**Tdb**

Unit b  
Welded and nonwelded ash flow  
tufts and some effusive  
sedimentary rocks

**Tdc**

**Tda**

**Ttb**

**Tts**

**Tts**